

WHAT IS CLAIMED IS:

1. A wireless terminal device, comprising:
 - a plurality of antennas;
 - a radio section for receiving radio waves from a base station
 - 5 via one of the antennas;
 - a reception level measuring section for measuring a reception level of the antennas including a antenna that is currently receiving and/or transmitting radio waves; and
 - a controller;
 - 10 wherein the controller generates a period of time in which transmission and reception is temporarily interrupted without disconnection in data communication,
 - the reception level measuring section measures at least one of the antennas reception level except the receiving and/or transmitting
 - 15 antenna in the period of time,
 - the controller switches when the reception level of the receiving and/or transmitting antenna is equal to or less than the reception level in the period of time.
- 20 2. A wireless terminal device as claimed in claim 1, wherein:
 - the reception level measuring section receives data in a certain channel from the base station.
- 25 3. A wireless terminal device as claimed in claim 2, wherein:
 - the certain channel is a broadcast channel.
4. A wireless terminal device as claimed in claim 1, wherein:
 - the reception level measuring section measures a reception

level of information about received signal strength indicator transmitted from the base station.

5 5. A wireless terminal device as claimed in claim 1, wherein:
the plurality of antennas include at least an inner antenna set
in a housing of the wireless terminal device and a linear antenna a part
of which is extensible from the housing.

10 6. A wireless terminal device as claimed in claim 1, wherein:
the time period in which transmission and reception is
temporarily interrupted is generated when performing communication by
a communication method that requires continuous transmission and
reception during communication.

15 7. A wireless terminal device as claimed in claim 1, wherein:
the time period in which transmission and reception is
temporarily interrupted is generated when performing a compressed
mode based on third generation partnership project specifications of a
W-CDMA method.

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8. A wireless terminal device as claimed in claim 7, further
comprising:

a spreading section; and

a despreading section, wherein:

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when being informed of a timing of shifting to the compressed
mode, the controller changes respective spreading factors for the
spreading section and the despreading section so as to increase
respective transmission data rates to form the period in which

transmission and reception is temporarily interrupted, and returns the changed spreading factors to the former values after the time period is finished.